

CLAIMS

1. Guide rail arrangement for a door with a leaf (40), especially a sectional door, to form a track for guiding the movement of the door leaf between an open position and a closed position, the track comprising two more-or-less straight segments and a connecting segment joining the two straight segments, with two rail elements (20, 30), each of which serves to form a straight segment, which rail elements can be assembled to form a guide rail in such a way that the straight segments of the track enclose an angle of less than 180° , and preferably of approximately 90° , with each other, characterized in that each of the rail elements (20, 30) has an essentially straight section (22, 32) and a circular arc-shaped section (24, 34), which is located at the end of the straight section (22, 32) and is produced as an integral part thereof to form the connecting segment.

2. Guide rail arrangement according to Claim 1, characterized in that the straight section (22, 32) is tangential to the end of the arc-shaped section (24, 34) which faces it.

3. Guide rail arrangement according to Claim 1 or Claim 2, characterized in that, for at least one rail element (10, 20), a tangent to the end of the arc-shaped section facing away from the straight section encloses an acute angle of 45° or less with a straight line parallel to the straight section (22, 32).

4. Guide rail arrangement according to one of the preceding claims, characterized in that, after the rail elements (20, 30) have been assembled so that the straight sections (22, 32) are at an angle of 90° to each other, tangents to the ends of the arc-shaped sections (24, 34) facing away from the straight sections (22, 32) enclose with each other an acute angle of more than 3° , preferably of more than 5° , and less than 15° , preferably of less than 10° .

5. Guide rail arrangement according to one of the preceding claims, characterized in that the straight sections (22, 32) of the rail elements are of different lengths.

6. Guide rail arrangement according to one of the preceding claims, characterized in that the rail elements (20, 30) are designed to receive a guide element (50, 60) such as a guide roller attached to the door leaf.

7. Guide rail arrangement according to one of the preceding claims, characterized by two guide rails (10), which can be fixed in place in the area of the opposite edges of the door leaf (40), each rail having two rail elements with a straight section and an arc-shaped section formed as an integral part of the straight section, where at least one of the rail elements can be converted into a different rail element by reflection in a plane.

8. Rail element for producing a guide rail arrangement according to one of the preceding claims.